

Message

From: Lisa Rector [lrector@nescaum.org]
Sent: 8/3/2018 2:19:56 PM
To: Johnson, Steffan [johnson.steffan@epa.gov]
Subject: FW: Alliance for Green Heat Testing

Stef, John shared this email to a group of folks without Ben's original memo that you are responding to. Can you please send me that memo? Thanks!

From: John Ackerly <jackerly@forgreenheat.org>
Sent: Friday, August 3, 2018 10:09 AM
To: Bill Clarke <bill@wclarke3.org>; Butcher, Thomas A <butcher@bnl.gov>; Ellen G. Burkhard <egb@nyserda.ny.gov>; elliot levine <elliottplevine@gmail.com>; Hopke, Philip <Philip_Hopke@urmc.rochester.edu>; Jim Rannels <rannels@verizon.net>; John Crouch <crouch@hpba.org>; Ken Adler <kadler@forgreenheat.org>; Knaebe, Mark -FS <mknaebe@fs.fed.us>; Law, Steven (MOECC) <Steven.Law@ontario.ca>; Lisa Rector <lrector@nescaum.org>; Norbert Senf <norbert.senf@gmail.com>; Rachel Feinstein <feinstein@hpba.org>; Ramesh <crkorip@sandia.gov>; Rebecca Trojanowski <rtrojanowski@bnl.gov>; Rohman, Clayton (CONTR) <Clayton.Rohman@ee.doe.gov>; Shmorhun, Mark <Mark.Shmorhun@ee.doe.gov>
Cc: Ben Myren <myren.ben@gmail.com>
Subject: Fwd: Alliance for Green Heat Testing

I wanted to share this very thoughtful and professional input from Steffan Johnson about Ben's request for input on building a data set with birch, to compare to other data sets. AGH also wants to thank Ben for engaging many stakeholders in this process, something that is rarely done and moreover for publicly sharing the summary of the results when testing is finished.

In the application process, we asked teams to share data about their stove performance so that the OC could better assess the emission reduction effectiveness of the technology. Now that all the teams have had the opportunity to do more testing, shall we give all of them the opportunity to share data with the OC and each other? That may give the judges some insight into performance trends based on how they undertook their own testing.

John

----- Forwarded message -----

From: Johnson, Steffan <johnson.steffan@epa.gov>
Date: Fri, Aug 3, 2018 at 9:31 AM
Subject: RE: Alliance for Green Heat Testing
To: "Alben T. Myren Jr" <myren.ben@gmail.com>, "Baumgart-Getz, Adam" <Baumgart-Getz.Adam@epa.gov>, "Toney, Mike" <Toney.Mike@epa.gov>, "Brockman, Larry" <Brockman.Larry@epa.gov>, John Ackerly <jackerly@forgreenheat.org>, John Crouch <crouch@hpba.org>, brian <brian@thevcv.com>

Dear Ben,

Thank you for being patient in waiting our reply, it has been a busy week here.

I'll address your questions point by point (thanks for numbering them):

1. Since this is not a compliance test you are free to use either filtration range you would like, however I would add that using the same range that was used in the earlier testing would be the most appropriate for comparative purposes. Viewed in that light we would suggest the 80-90 degree F range, but again this is not a requirement.
2. Birch likes to burn. Should be an interesting choice of hardwood for your testing.
3. No cyclone is fine. We required that for two initial cordwood tests but after a review of those data we find this is not something we consider to be helpful.
4. Again, since this is not a compliance test you are free to NOT pull a filter at one hour. Should you expect someone to ask about startup emissions this is something you may consider doing (though you have likely already had that discussion) and so proceed in the manner you choose.
5. We are fine with the EPA prescribed tunnel flow. Matching the certification testing makes a good bit of sense.
6. We encourage the use of a RH meter in the dilution tunnel. The question is, what steps would you take if RH were approaching the dew point? Follow your best professional judgement there.
7. Appreciate that you would note and record evidence of condensation.
8. Glad you like the PTFE coated filters. I have found that they "release" cleaner and make for easier cleanup and more reliable measurement.

I also appreciate a nice Granny Smith. 😊

Best of luck to you with this testing, it should be an interesting data set.

Thanks for the opportunity to provide feedback, and thanks again for your patience!

Always my best,

Stef

From: Alben T. Myren Jr [mailto:myren.ben@gmail.com]

Sent: Saturday, July 28, 2018 2:41 PM

To: Johnson, Steffan <johnson.steffan@epa.gov>; Baumgart-Getz, Adam <Baumgart-Getz.Adam@epa.gov>; Toney, Mike <Toney.Mike@epa.gov>; Brockman, Larry <Brockman.Larry@epa.gov>; John Ackerly <jackerly@forgreenheat.org>; John Crouch <crouch@hpba.org>; brian <brian@thevcv.com>

Subject: Alliance for Green Heat Testing

All,

See attached memo. Looking for input.

Ben

--

Alliance for Green Heat
6909 Laurel Ave, #5461
Takoma Park, MD 20912
301-204-9562
jackery@forgreenheat.org
www.forgreenheat.org

Like Us on Facebook!